

# IV32

## Intel® Core™ i7-3517UE x86嵌入式單板



### KEY FEATURES

- 3.5" 外形尺寸 (146mm x 102mm)
- Intel® Celeron® 1037U 1.8GHz
- Intel® 高速芯片組HM76
- 集成式VGA, 雙通道18/ 24-bit LVDS, HDMI
- 1 x DDR3 SO-DIMM 1333/ 1600 MHz, 最大 8GB
- 集成式 Intel® 82579-LM + WG82574L 乙太網路
- 支持2 x SATA III、4 x COM、3 x USB 3.0、4 x USB 2.0 12 x GPIO、1 x 1394b1 x Mini PCIe插槽



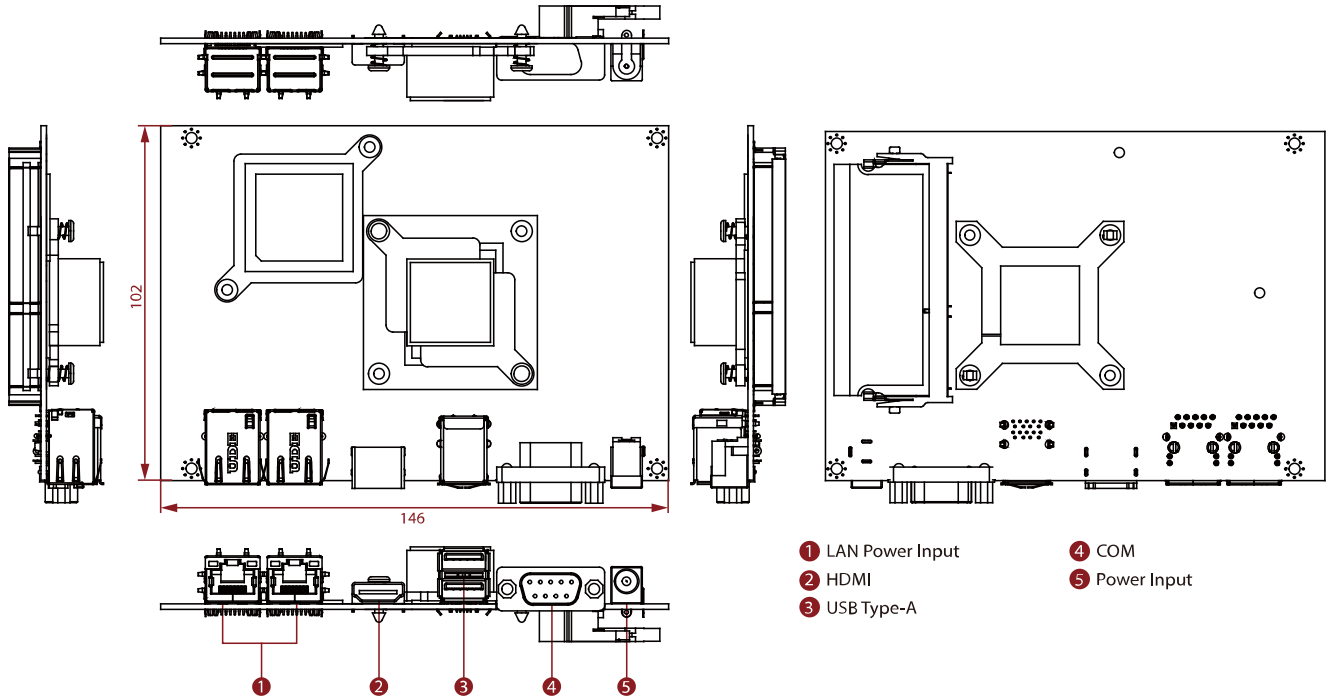
### SPECIFICATIONS

系統規格			
處理器	Intel® Core™ i7-3517UE (4M Cache, up to 2.80 GHz)	晶片組	Intel® HM76
記憶體	1 x SO-DIMM, DDR3L 1600 MHz, 4GB 8GB (Optional)	儲存空間	1 x mSATA SSD 64GB mSATA SSD up to 512GB (Optional)
以太網控制器	Intel® 82574L Gigabit Ethernet Controller + Intel® 82579LM Gigabit Ethernet PHY	安全支援	TPM 1.2
作業系統	Windows 7 Embedded Systems (Optional) Windows 10 IoT Enterprise (Optional) Linux Ubuntu 18.04 (Optional)		
訊號埠			
電源輸入	1 x 12V DC, 2.5φ DC jack	USB埠	2 x USB3.0 (Type-A)
序列埠	1 x RS232/422/485 (Default RS232)	影像	1 x HDMI 1.4 (Optional)
有線網路	2 x Giga LAN RJ45 Connector		
內部訊號埠			
電源輸出	1 x 2pin(1x2) blue wafer for 3.3V DC out 1 x 2pin(1x2) red wafer for 5V DC out 1 x 2pin(1x2) yellow wafer for 12V DC out	USB接口	2 x 8pin(2x4) for 4 x USB 2.0 1 x 10pin(2x5) for 1 x USB 3.0
序列埠	3 x 10pin(2x5) for RS232	顯示	1 x 40pin DF13 connector for LVDS 1 x 20pin DF13 connector for HDMI/DVI (Optional) 1 x 10pin(2x5) for VGA (Optional)
背光	1 x 7pin(1x7) for panel backlight	串行ATA	1 x SATA III 1 x SATA II 1 x 8pin(2x4) for SATA power
數位輸入/輸出	1 x 14pin(2x7) for Digital input/output	VR	1 x 3pin(1x3) for Digital panel backlight brightness control 1 x 5pin(1x5) VRD debug port
風扇	1 x 3pin(1x3) for CPU Fan	前控制面板	1 x 10pin(2x5) for OSD control
喇叭	2 x 2pin(1x2) for Speaker	後備電池	1 x 2pin(1x2) for RTC battery
音訊	1 x 12pin(2x6) for Line in/Line out/ Mic in	BIOS除錯	1 x 10pin(2x5) for LPC debug
認證			
認證	CE, FCC		
機構			
外觀尺寸	146 x 102 mm		

<b>環境</b>			
工作濕度	60 °C @ 95% RH, (non-condensing)	工作溫度	0~60°C
儲存溫度	-40~70°C		
<b>配件</b>			
配件	Manual & Driver CD		

**DIMENSIONS** UNIT:MM

**Winmate IV32**



**NOTE**

1. This is a simplified drawing and some components are not marked in detail.
2. Please contact our sales representative if you need further product information.
3. All specifications are subject to change without prior notice.
4. The product shown in this datasheet is a standard model. For diagrams that contain customized or optional I/O, please contact the Winmate Sales Team for more information.